

10/050853

ABSTRACT OF THE DISCLOSURE

5 An image-forming apparatus and an image-forming  
method using a cleanerless system are disclosed in  
which a non-contact developing assembly develops an  
electrostatic latent image with a magnetic  
one-component developer to form a magnetic-toner image  
and collects a magnetic toner having remained on the  
charging object member, a member to be charged is  
charged by means of a charging assembly having a  
10 charging member the surface of which is movable with a  
velocity differential in the opposite direction with  
respect to the surface of the charging object member,  
and conductive particles are present at least at the  
contact surfaces between the charging member and the  
15 charging object member. The velocity differential is  
from -101 % to -400 %; the charging member has a  
surface roughness Ra of from 1  $\mu\text{m}$  to 500  $\mu\text{m}$ ; the  
charging object member has a surface with a contact  
angle to water of from 86° to 103°; and the magnetic  
20 one-component developer is composed of a magnetic toner  
having at least a binder resin and a magnetic material,  
and has an average circularity of 0.950 or more.

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